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<110> Zengen, Inc.

<120> Modified Alpha-MSH Peptides and Derviatives Thereof

<130> 54275.8016.US01

<140> 10/714,343

<141> 2003-11-14

<160> 46

<170> PatentIn version 3.1

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His Phe Arg Trp Gly Lys Xaa Val

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<223> Xaa is Phe or DNal

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His Xaa Phe Trp Gly Lys Pro Val

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<223> Xaa is an amino acid other than val having a non-polar functional group or a hydrophobic functional group.

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<400> 5

His Phe Arg Trp Gly Lys Pro Xaa  
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<222> (6)..(6)  
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<400> 6

His Phe Arg Trp Gly Xaa Pro Val  
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<223> X is an aa with positively charged fuctionnal group.

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<222> (7)..(7)  
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His Phe Arg Trp Gly Lys Xaa Val  
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His Xaa Arg Trp Gly Lys Xaa Val

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<213> Homo sapiens

<400> 13

Ser Tyr Ser Met Glu His Phe Arg Trp Gly Lys Pro Val

1 5 10

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Ser Tyr Ser Met Glu His Phe Arg Trp Gly Lys Pro Val Gly Lys Lys  
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Arg Arg Pro Val Lys Val Tyr Pro Ala Lys Glu Asp Asp Glu Ala Ser  
 20 25 30

Glu Ala Phe Pro Leu Glu Phe  
 35

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Met Glu His Phe Arg Trp Gly  
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<400> 16

Lys Pro Val

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<400> 17

His Phe Arg Trp

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<400> 18

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His Xaa Arg Trp Gly Lys Ala Val  
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<222> (2)..(7)

<223> Xaa is DNal; Ala is DAla

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His Phe Arg Trp Gly Lys Phe Val  
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His Phe Arg Trp Gly Lys Glu Val

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